

HAND HELD UNIT HHU

High Resolution Multifunction

The Corr-defense HHU represents a cutting-edge, portable corrosion monitoring device, boasting high resolution and battery-powered functionality. It excels in reading various electrical resistance (ER), linear polarization resistance (LPR), and galvanic probes.

Operating the unit is a breeze, thanks to its integrated menu-driven screen, facilitating swift measurements of metal loss for ER probes, corrosion rate for LPR probes, and current or potential for galvanic probes.

With a generous internal memory capacity of up to 7,200 data points and the ability to store up to 100 probe tags, users can easily manage and organize their data. Transferring data to a PC equipped with Corr-defense Software (CDAS) is seamless via the RS-232 Serial ASCII to USB connection. Once transferred, the accompanying software empowers users to analyze data, visualize metal loss trends, and calculate corrosion rates. Furthermore, data can be exported in CSV format for compatibility with Excel and other applications.



CD-ER/LPR HANDHELD UNIT

USE WITH ER, LPR AND GALVANIC PROBES

UP TO 100 PROBE TAGS AND 7,200 DATA POINTS CAN BE STORED

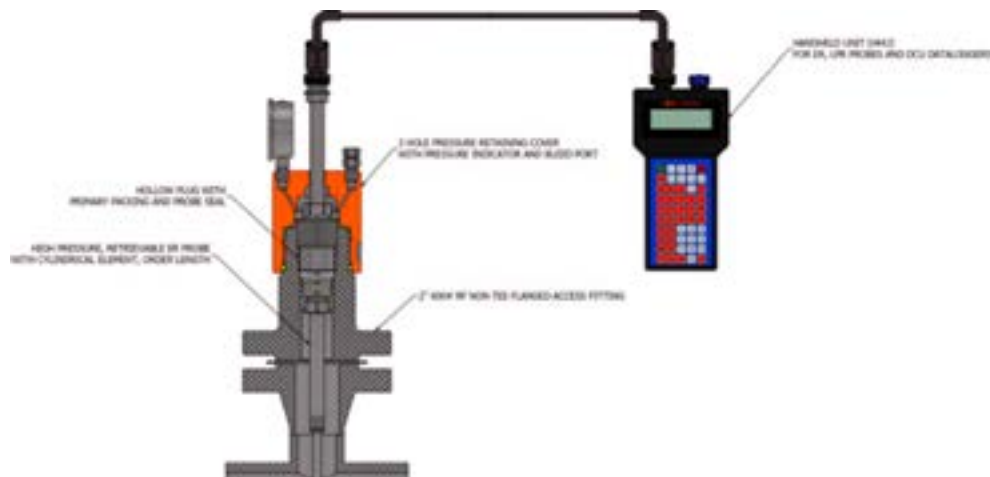
CHANGE PROBE TECHNOLOGY WITHOUT CHANGING HARDWARE

EASY TO REPLACE LITHIUM BATTERY PACK

DIRECT PROBE READINGS AND DCU MEASUREMENT DOWNLOADS

Technical specifications

Probe Type	Electrical Resistance (ER) Linear Polarization Resistance (LPR) Galvanic - Potential
Resolution	20 bits
Memory	7,200 Readings / 100 Probe Tags
Temperature Range	-20 °C to + 70 °C (-4 °F - + 158 °F)
Power Supply	Lithium Battery Pack (7.2V 5Ah)
Battery Life	2-3 Years
IECEX	Ex ia IIC T4 Ga/Gb
ATEX	Ex II ½ G Ex ia IIC T4 Ga/Gb
Ingress Protection	IP66
Communication	RS-232 Serial ASCII Bus 9600, 8, N, 1
Weight	0.4 kg (0.9 lb)
Dimensions	106 mm x 224 mm x 59 mm



Part Numbering

CD-HHU	Hand Held Unit
CD-HHU-CBL	Hand Held Spare Cable
CD-HHU/DCU-TP	Hand Held/DCU Test Probe
CD-HHU/DCU-BATT	Hand Held/DCU Battery Pack